TRMM_IRD_RBR_LINKS

IRD	IRD_segment	IRD_text	RBR	RBR_segment	RBR_release	RBR_category	RBR_text	RBR_interpretation
TRMM1010	SDPS	The ECS systems at the LaRC DAAC shall ingest CERES Level 0 and quick-look data sets from SDPF.	TRMM1010#Ir1	SDPS	Ir1	TBD	The ECS systems at the LaRC DAAC shall ingest CERES Level 0 and quick-look data sets from SDPF.	
			TRMM1010#A	SDPS	A	TBD	The ECS systems at the LaRC DAAC shall ingest CERES Level 0 and quick-look data sets from SDPF.	
			TRMM1010#B	SDPS	B	TBD	The ECS systems at the LaRC DAAC shall ingest CERES Level 0 and quick-look data sets from SDPF.	
TRMM1020	SDPS	The SDPF to the ECS LaRC DAAC data stream shall include Level 0 and quick-look data sets.	TRMM1020#Ir1	SDPS	Ir1	TBD	The SDPF to the ECS LaRC DAAC data stream shall include Level 0 and quick-look data sets.	
			TRMM1020#A	SDPS	A	TBD	The SDPF to the ECS LaRC DAAC data stream shall include Level 0 and quick-look data sets.	
			TRMM1020#B	SDPS	B	TBD	The SDPF to the ECS LaRC DAAC data stream shall include Level 0 and quick-look data sets.	
TRMM1030	SDPS	The SDPF Level 0 and quick-look data sets for CERES shall contain quality and accounting information.	TRMM1030#Ir1	SDPS	Ir1	TBD	The SDPF Level 0 and quick-look data sets for CERES shall contain quality and accounting information.	External only requirement: Information only. No action is required by ECS.
			TRMM1030#B	SDPS	B	TBD	The SDPF Level 0 and quick-look data sets for CERES shall contain quality and accounting information.	External only requirement: Information only. No action is required by ECS.
			TRMM1030#A	SDPS	A	TBD	The SDPF Level 0 and quick-look data sets for CERES shall contain quality and accounting information.	External only requirement: Information only. No action is required by ECS.
TRMM1040	SDPS	The SDPF Level 0 and quick-look data sets for CERES shall contain a detached SFDU header.	TRMM1040#A	SDPS	A	TBD	The SDPF Level 0 and quick-look data sets for CERES shall contain a detached SFDU header.	

			TRMM1 040#B	SDPS	B	TBD	The SDPF Level 0 and quick-look data sets for CERES shall contain a detached SFDU header.	
TRMM1 050	SDPS	SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of CERES Level 0 production or quick-look data.	TRMM1 050#A	SDPS	A	TBD	SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of CERES Level 0 production or quick-look data.	
			TRMM1 050#B	SDPS	B	TBD	SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of CERES Level 0 production or quick-look data.	
TRMM1 060	SDPS | CSMS	The ECS systems at the LaRC DAAC shall, after notification by SDPF, retrieve CERES Level 0 production and quick-look data by an agreed-upon file transfer protocol.	TRMM1 060#A	SDPS | CSMS	A	TBD	The ECS systems at the LaRC DAAC shall, after notification by SDPF, retrieve CERES Level 0 production by an agreed-upon file transfer protocol.	
			TRMM1 060#B	SDPS | CSMS	B	TBD	The ECS systems at the LaRC DAAC shall, after notification by SDPF, retrieve CERES Level 0 production by an agreed-upon file transfer protocol.	
			TRMM1 060#Ir1	SDPS | CSMS	Ir1	TBD	The ECS systems at the LaRC DAAC shall, after notification by SDPF, retrieve CERES Level 0 production by an agreed-upon file transfer protocol.	IR1: For IR-1, this applies to ingest and temporary storage of data from the SDPF for testing purposes only.
TRMM1 070	SDPS	The ECS systems at the LaRC DAAC shall ensure that CERES data has been received and validated.	TRMM1 070#A	SDPS	A	TBD	The ECS systems at the LaRC DAAC shall ensure that CERES data has been received and validated.	
			TRMM1 070#B	SDPS	B	TBD	The ECS systems at the LaRC DAAC shall ensure that CERES data has been received and validated.	
TRMM1 080	SDPS	The ECS systems at the LaRC DAAC shall acknowledge successful receipt of a CERES data set to the SDPF.	TRMM1 080#Ir1	SDPS	Ir1	TBD	The ECS systems at the LaRC DAAC shall acknowledge successful receipt of a CERES data set from the SDPF.	

			TRMM1 080#A	SDPS	A	TBD	The ECS systems at the LaRC DAAC shall acknowledge successful receipt of a CERES data set from the SDPF.	
			TRMM1 080#B	SDPS	B	TBD	The ECS systems at the LaRC DAAC shall acknowledge successful receipt of a CERES data set from the SDPF.	
TRMM1 090	SDPS	Upon the ECS systems at the LaRC DAAC, upon discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need with the SPDF for regeneration.	TRMM1 090#A	SDPS	A	TBD	Upon the ECS systems at the LaRC DAAC, upon discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need with the SPDF for regeneration.	
			TRMM1 090#B	SDPS	B	TBD	Upon the ECS systems at the LaRC DAAC, upon discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need with the SPDF for regeneration.	
TRMM1 100	NONE	SDPF shall regenerate/reprocess CERES Level 0 data for the ECS systems at the LaRC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.	TRMM1 100#A	N/A	A	TBD	SDPF shall regenerate/reprocess CERES Level 0 data for the ECS systems at the LaRC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.	External only requirement: Information only. No action is required by ECS.
			TRMM1 100#B	N/A	B	TBD	SDPF shall regenerate/reprocess CERES Level 0 data for the ECS systems at the LaRC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.	External only requirement: Information only. No action is required by ECS.
TRMM1 110	SDPS	SDPF shall provide a CERES Level 0 data set to the ECS systems at the LaRC DAAC once per day within 24 hours of the last acquisition session.	TRMM1 110#A	SDPS	A	TBD	SDPF shall provide a CERES Level 0 data set to the ECS systems at the LaRC DAAC once per day within 24 hours of the last acquisition session.	

			TRMM1110#B	SDPS	B	TBD	SDPF shall provide a CERES Level 0 data set to the ~~systems at the~~ ECS LaRC DAAC once per day within 24 hours of the last acquisition session.	
TRMM1120	SDPS	The SDPF shall retain CERES Level 0 data sets for five (5) days.	TRMM1120#A	~~SDPS~~ NONE	A	TBD	The SDPF shall retain CERES Level 0 data sets for five (5) days.	External only requirement: Information only. No action is required by ECS.
			TRMM1120#B	~~SDPS~~ NONE	B	TBD	The SDPF shall retain CERES Level 0 data sets for five (5) days.	External only requirement: Information only. No action is required by ECS.
TRMM1130	SDPS	The ECS systems at the LaRC DAAC shall receive CERES scheduled quick-look from SDPF 3 times per day plus occasional special quick-look.	TRMM1130#A	SDPS	A	TBD	The ECS systems at the LaRC DAAC shall receive CERES scheduled quick-look from SDPF 3 times per day plus occasional special quick-look.	
			TRMM1130#B	SDPS	B	TBD	The ECS systems at the LaRC DAAC shall receive CERES scheduled quick-look from SDPF 3 times per day plus occasional special quick-look.	
TRMM1140	SDPS	A CERES quick-look data set shall contain data received during a single spacecraft contact.	TRMM1140#A	~~SDPS~~ NONE	A	TBD	A CERES quick-look data set shall contain data received during a single spacecraft contact.	External only requirement: Information only. No action is required by ECS.
			TRMM1140#B	~~SDPS~~ NONE	B	TBD	A CERES quick-look data set shall contain data received during a single spacecraft contact.	External only requirement: Information only. No action is required by ECS.
TRMM1150	SDPS	SDPF shall notify the ECS LaRC DAAC of availability of a CERES quick-look data set within 2 hours of the end of the acquisition session.	TRMM1150#A	SDPS	A	TBD	SDPF shall notify the ECS systems at the LaRC DAAC of availability of a CERES quick-look data set within 2 hours of the end of the acquisition session.	
			TRMM1150#B	SDPS	B	TBD	SDPF shall notify the ECS systems at the LaRC DAAC of availability of a CERES quick-look data set within 2 hours of the end of the acquisition session.	

TRMM1 160	SDPS	CERES special quick-look data collection and processing shall be scheduled.	TRMM1 160#A	SDPS	A	TBD	CERES special quick-look data collection and processing shall be scheduled.	
			TRMM1 160#B	SDPS	B	TBD	CERES special quick-look data collection and processing shall be scheduled.	
TRMM1 170	SDPS	Data collected and processed for CERES solar calibration shall be scheduled.	TRMM1 170#A	SDPS	A	TBD	Data collected and processed for CERES solar calibration shall be scheduled with SDPF by human interaction.	
			TRMM1 170#B	SDPS	B	TBD	Data collected and processed for CERES solar calibration shall be scheduled with SDPF by human interaction.	
TRMM1 180	SDPS	ECS shall be able to process SDPF Level 0 and quick-look data sets in SPDF-defined format.	TRMM1 180#A	SDPS	A	TBD	ECS shall be able to process SDPF Level 0 and quick-look data sets in SPDF-defined format by human interaction.	
			TRMM1 180#B	SDPS	B	TBD	ECS shall be able to process SDPF Level 0 and quick-look data sets in SPDF-defined format by human interaction.	
TRMM1 190	SDPS	SDPF shall retain CERES raw data for 2 years.	TRMM1 190#A	SDPS NONE	A	TBD	SDPF shall retain CERES raw data for 2 years.	External only requirement: Information only. No action is required by ECS.
			TRMM1 190#B	SDPS NONE	B	TBD	SDPF shall retain CERES raw data for 2 years.	External only requirement: Information only. No action is required by ECS.
TRMM1 195	SDPS	SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of predictive or definitive orbit data.	TRMM1 195#Ir1	SDPS	Ir1	TBD	SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of predictive or definitive orbit data.	
			TRMM1 195#A	SDPS	A	TBD	SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of predictive or definitive orbit data.	

			TRMM1195#B	SDPS	B	TBD	SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of predictive or definitive orbit data.	
TRMM1200	SDPS	The ECS systems at the LaRC DAAC shall ingest predicted orbit data from the SDPF.	TRMM1200#Ir1	SDPS	Ir1	TBD	The ECS systems at the LaRC DAAC shall ingest predicted orbit data from the SDPF.	IR1: This requirement is supported as follows: IR1 shall have the capability at the LaRC DAAC, to receive data from the SDPF for the purpose of testing the ingest interface between IR1 and the SDPF.
			TRMM1200#A	SDPS	A	TBD	The ECS LaRC DAAC shall ingest predicted orbit data from the SDPF.	
			TRMM1200#B	SDPS	B	TBD	The ECS LaRC DAAC shall ingest predicted orbit data from the SDPF.	
TRMM1210	SDPS	The ECS LaRC DAAC shall ingest definitive orbit data from the SDPF.	TRMM1210#Ir1	SDPS	Ir1	TBD	The ECS LaRC DAAC shall ingest definitive orbit data from the SDPF.	IR1: This requirement is supported as follows: IR1 shall have the capability at the LaRC DAAC, to receive data from the SDPF for the purpose of testing the ingest interface between IR1 and the SDPF.
			TRMM1210#B	SDPS	B	TBD	The ECS LaRC DAAC shall ingest definitive orbit data from the SDPF.	
			TRMM1210#A	SDPS	A	TBD	The ECS LaRC DAAC shall ingest definitive orbit data from the SDPF.	
TRMM1220	SDPS	ECS shall archive definitive orbit for CERES reprocessing of level 1A data in case of data loss.	TRMM1220#A	SDPS	A	TBD	ECS shall archive definitive orbit for CERES reprocessing of level 1A data in case of data loss.	

			TRMM1 220#B	SDPS	B	TBD	ECS shall archive definitive orbit for CERES reprocessing of level 1A data in case of data loss.	
TRMM1 230	SDPS	The CERES instrument team and science team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	TRMM1 230#Ir1	SDPS	Ir1	TBD	The CERES instrument team and science team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	IR1: External requirement: Information only. No action is required by ECS.
			TRMM1 230#A	SDPS	A	TBD	The CERES instrument team and science team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	
			TRMM1 230#B	SDPS	B	TBD	The CERES instrument team and science team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	
TRMM1 240	SDPS	The CERES instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for CERES.	TRMM1 240#Ir1	SDPS	Ir1	TBD	The CERES instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for CERES.	IR1: External requirement: Information only. No action is required by ECS.
			TRMM1 240#B	SDPS	B	TBD	The CERES instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for CERES.	
			TRMM1 240#A	SDPS	A	TBD	The CERES instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for CERES.	
TRMM1 250	SDPS	The ECS LaRC DAAC shall produce standard products for the CERES instrument and perform quality control for ECS-developed products.	TRMM1 250#A	SDPS	A	TBD	The ECS LaRC DAAC shall produce standard products for the CERES instrument and perform quality control for ECS-developed products.	

			TRMM1 250#B	SDPS	B	TBD	The ECS LaRC DAAC shall produce standard products for the CERES instrument and perform quality control for ECS-developed products.	
TRMM1 260	SDPS	*The CERES standard products developed at the ECS LaRC DAAC shall be archived at the ECS LaRC DAAC.	TRMM1 260#A	SDPS	A	TBD	*The CERES standard products developed at the ECS LaRC DAAC shall be archived at the ECS LaRC DAAC.	
			TRMM1 260#B	SDPS	B	TBD	*The CERES standard products developed at the ECS LaRC DAAC shall be archived at the ECS LaRC DAAC.	
TRMM1 270	SDPS	CSMS	The ECS LaRC DAAC and SPDF shall support TRMM end-to-end testing 9 months before TRMM launch.	TRMM1 270#A	SDPS	A	TBD	The ECS LaRC DAAC and SPDF shall support TRMM end-to-end testing 9 months before TRMM launch.	Compliance will be demonstrated by inclusion in the ECS Project Master Schedule.
			TRMM1 270#B	SDPS	B	TBD	The ECS LaRC DAAC and SPDF shall support TRMM end-to-end testing 9 months before TRMM launch.	Compliance will be demonstrated by inclusion in the ECS Project Master Schedule.
TRMM1 280	SDPS	ECS shall be able to accept CERES simulated data from SDPF.	TRMM1 280#Ir1	SDPS	Ir1	TBD	ECS shall be able to accept CERES simulated data from SDPF.	IR1: This requirement is supported as follows: IR1 shall have the capability to receive CERES simulated data from the SDPF for the purpose of testing the ingest interface between IR1 and the SDPF.
			TRMM1 280#A	SDPS	A	TBD	ECS shall be able to accept CERES simulated data from SDPF.	
			TRMM1 280#B	SDPS	B	TBD	ECS shall be able to accept CERES simulated data from SDPF.	

TRMM1290	SDPS|CSMS	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use commercial off-the-shelf (COTS) hardware and software products as appropriate.	TRMM1290#B	SDPS|CSMS	B	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use commercial off-the-shelf (COTS) hardware and software products as appropriate.	
			TRMM1290#A	SDPS|CSMS	A	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use commercial off-the-shelf (COTS) hardware and software products as appropriate.	
			TRMM1290#Ir1	SDPS|CSMS	Ir1	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use commercial off-the-shelf (COTS) hardware and software products as appropriate.	
TRMM2010	SDPS	The ECS systems at the MSFC DAAC shall ingest LIS data from SDPF.	TRMM2010#Ir1	SDPS	Ir1	TBD	The ECS systems at the MSFC DAAC shall ingest LIS data from SDPF.	IR1: IR1 shall have the capability at the MSFC DAAC to receive LIS data from the SDPF for the purpose of testing the ingest interface between IR1 and the SDPF.
			TRMM2010#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ingest LIS data from SDPF.	

			TRMM2 010#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ingest LIS data from SDPF.	
~~TRMM2 020~~	SDPS	~~The SDPF to the ECS MSFC DAAC data stream shall include Level 0 and quick-look data setssets.~~	~~TRMM2 020#Ir1~~	SDPS	~~Ir1~~	TBD	~~The SDPF to the ECS MSFC DAAC data stream shall include Level 0 and quick-look data setssets.~~	~~IR1: External requirement: Information only. No action is required by ECS.~~
			~~TRMM2 020#A~~	SDPS	~~A~~	TBD	~~The SDPF to the ECS MSFC DAAC data stream shall include Level 0 and quick-look data setssets.~~	
			~~TRMM2 020#B~~	SDPS	~~B~~	TBD	~~The SDPF to the ECS MSFC DAAC data stream shall include Level 0 and quick-look data setssets.~~	
TRMM2 030	SDPS	The SDPF Level 0 and quick-look data sets for LIS shall contain quality and accounting information.	TRMM2 030#Ir1	SDPS	Ir1	TBD	The SDPF Level 0 and quick-look data sets for LIS shall contain quality and accounting information.	External requirement: Information only. No action is required by ECS.
			TRMM2 030#A	SDPS	A	TBD	The SDPF Level 0 and quick-look data sets for LIS shall contain quality and accounting information.	External requirement: Information only. No action is required by ECS.
			TRMM2 030#B	SDPS	B	TBD	The SDPF Level 0 and quick-look data sets for LIS shall contain quality and accounting information.	External requirement: Information only. No action is required by ECS.
TRMM2 040	SDPS	The SDPF Level 0 and quick-look data sets for LIS shall contain a detached SFDU header.	TRMM2 040#A	SDPS	A	TBD	The SDPF Level 0 and quick-look data sets for LIS shall contain a detached SFDU header.	
			TRMM2 040#B	SDPS	B	TBD	The SDPF Level 0 and quick-look data sets for LIS shall contain a detached SFDU header.	
			TRMM2 040#Ir1	SDPS	Ir1	TBD	The SDPF Level 0 and quick-look data sets for LIS shall contain a detached SFDU header.	
TRMM2 050	SDPS	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of LIS Level 0 production or quick-look data.	TRMM2 050#A	SDPS	A	TBD	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of LIS Level 0 production or quick-look data.	

			TRMM2 050#B	SDPS	B	TBD	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of LIS Level 0 production or quick-look data.	
			TRMM2 050#Ir1	SDPS	Ir1	TBD	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of LIS Level 0 production or quick-look data.	
TRMM2 060	SDPS | CSMS	The ECS systems at the MSFC DAAC shall, after notification by SPDF, retrieve LIS Level 0 production and quick-look data by an agreed upon file transfer protocol.	TRMM2 060#B	SDPS | CSMS	B	TBD	The ECS systems at the MSFC DAAC shall, after notification by SPDF, retrieve LIS Level 0 production and quick-look data by an agreed upon file transfer protocol.	
			TRMM2 060#A	SDPS | CSMS	A	TBD	The ECS systems at the MSFC DAAC shall, after notification by SPDF, retrieve LIS Level 0 production and quick-look data by an agreed upon file transfer protocol.	
			TRMM2 060#Ir1	SDPS | CSMS	Ir1	TBD	The ECS systems at the MSFC DAAC shall, after notification by SPDF, retrieve LIS Level 0 production and quick-look data by an agreed upon file transfer protocol.	
TRMM2 070	SDPS	The ECS systems at the MSFC DAAC shall ensure that LIS data has been received and validated.	TRMM2 070#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ensure that LIS data has been received and validated.	
			TRMM2 070#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ensure that LIS data has been received and validated.	
TRMM2 080	SDPS	The ECS MSFC DAAC shall acknowledge successful receipt of a LIS data set to the SDPF.	TRMM2 080#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall acknowledge successful receipt of a LIS data set to the SDPF.	
			TRMM2 080#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall acknowledge successful receipt of a LIS data set to the SDPF.	

TRMM2 090	SDPS	Upon the ECS operations at the ECS MSFC DAAC, upon discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need with the SPDF for regeneration.	TRMM2 090#A	SDPS	A	TBD	Upon the ECS operations at the ECS MSFC DAAC, upon discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need with the SPDF for regeneration.	
			TRMM2 090#B	SDPS	B	TBD	Upon the ECS operations at the ECS MSFC DAAC, upon discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need with the SPDF for regeneration.	
TRMM2 100	NONE	SDPF shall regenerate/reprocess LIS Level 0 data for the ECS systems at the MSFC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.	TRMM2 100#A	SDPS	A	TBD	SDPF shall regenerate/reprocess LIS Level 0 data for the ECS systems at the MSFC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.	
			TRMM2 100#B	SDPS	B	TBD	SDPF shall regenerate/reprocess LIS Level 0 data for the ECS systems at the MSFC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.	
TRMM2 110	SDPS	SDPF shall provide a LIS Level 0 data set to the ECS systems at the MSFC DAAC once per day within 24 hours of the last acquisition.	TRMM2 110#A	SDPS	A	TBD	SDPF shall provide a LIS Level 0 data set to the ECS systems at the MSFC DAAC once per day within 24 hours of the last acquisition.	
			TRMM2 110#B	SDPS	B	TBD	SDPF shall provide a LIS Level 0 data set to the ECS systems at the MSFC DAAC once per day within 24 hours of the last acquisition.	
TRMM2 120	SDPS	SDPF shall retain retrieved LIS Level 0 data sets for five (5) days.	TRMM2 120#A	SDPS NONE	A	TBD	SDPF shall retain retrieved LIS Level 0 data sets for five (5) days.	External only requirement: Information only. No action is required by ECS.

			TRMM2 120#B	SDPS NONE	B	TBD	SDPF shall retain retrieved LIS Level 0 data sets for five (5) days.	External only requirement: Information only. No action is required by ECS.
TRMM2 130	SDPS	The ECS systems at the MSFC DAAC shall receive LIS scheduled quick-look from SDPF 3 times per day plus occasional special quick-look.	TRMM2 130#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall receive LIS scheduled quick-look from SDPF 3 times per day plus occasional special quick-look.	
			TRMM2 130#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall receive LIS scheduled quick-look from SDPF 3 times per day plus occasional special quick-look.	
TRMM2 140	SDPS	A LIS quick-look data set shall contain data received during a single spacecraft contact.	TRMM2 140#A	SDPS NONE	A	TBD	A LIS quick-look data set shall contain data received during a single spacecraft contact.	External only requirement: Information only. No action is required by ECS.
			TRMM2 140#B	SDPS NONE	B	TBD	A LIS quick-look data set shall contain data received during a single spacecraft contact.	External only requirement: Information only. No action is required by ECS.
TRMM2 150	SDPS	SDPF shall notify the ECS systems at the MSFC DAAC of availability of a LIS quick-look data set within 2 hours of the end of the acquisition session.	TRMM2 150#A	SDPS	A	TBD	SDPF shall notify the ECS systems at the MSFC DAAC of availability of a LIS quick-look data set within 2 hours of the end of the acquisition session.	
			TRMM2 150#B	SDPS	B	TBD	SDPF shall notify the ECS systems at the MSFC DAAC of availability of a LIS quick-look data set within 2 hours of the end of the acquisition session.	
TRMM2 160	SDPS	LIS special quick-look data collection and processing shall be scheduled with SDPF by human interaction..	TRMM2 160#A	SDPS	A	TBD	LIS special quick-look data collection and processing shall be scheduled with SDPF by human interaction.	
			TRMM2 160#B	SDPS	B	TBD	LIS special quick-look data collection and processing shall be scheduled with SDPF by human interaction.	
TRMM2 170	SDPS	ECS shall be able to process LIS Level 0 and quick-look data sets in SDPF-defined formats.	TRMM2 170#A	SDPS	A	TBD	ECS shall be able to process LIS Level 0 and quick-look data sets in SDPF-defined formats.	

			TRMM2 170#B	SDPS	B	TBD	ECS shall be able to process LIS Level 0 and quick-look data sets in SDPF-defined formats.	
TRMM2 180	SDPS	SDPF shall retain LIS data for 2 years.	TRMM2 180#A	SDPS NONE	A	TBD	SDPF shall retain LIS data for 2 years.	External only requirement: Information only. No action is required by ECS.
			TRMM2 180#B	SDPS NONE	B	TBD	SDPF shall retain LIS data for 2 years.	External only requirement: Information only. No action is required by ECS.
TRMM2 185	SDPS	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of predictive or definitive orbit data.	TRMM2 185#Ir1	SDPS	Ir1	TBD	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of predictive or definitive orbit data.	
			TRMM2 185#A	SDPS	A	TBD	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of predictive or definitive orbit data.	
			TRMM2 185#B	SDPS	B	TBD	SDPF shall send a notification to the ECS systems at the MSFC DAAC upon availability of predictive or definitive orbit data.	
TRMM2 190	SDPS	The ECS systems at the MSFC DAAC shall ingest predicted orbit data from the SDPF.	TRMM2 190#Ir1	SDPS	Ir1	TBD	The ECS systems at the MSFC DAAC shall ingest predicted orbit data from the SDPF.	IR1: IR-1 shall have the capability at the MSFC DAAC, to recieve data from the SDPF for the purpose of testing the ingest interface between IR-1 and the SDPF.
			TRMM2 190#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ingest predicted orbit data from the SDPF.	
			TRMM2 190#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ingest predicted orbit data from the SDPF.	

TRMM2 200	SDPS	ECS MSFC DAAC shall ingest definitive orbit data from the SDPF.	TRMM2 200#Ir1	SDPS	Ir1	TBD	ECS systems at the MSFC DAAC shall ingest definitive orbit data from the SDPF.	IR1: IR-1 shall have the capability at the MSFC DAAC, to receive data from the SDPF for the purpose of testing the ingest interface between IR-1 and the SDPF.
			TRMM2 200#A	SDPS	A	TBD	ECS systems at the MSFC DAAC shall ingest definitive orbit data from the SDPF.	
			TRMM2 200#B	SDPS	B	TBD	ECS systems at the MSFC DAAC shall ingest definitive orbit data from the SDPF.	
TRMM2 210	SDPS	ECS shall archive definitive orbit for LIS reprocessing of Level 1A data in case of data loss.	TRMM2 210#A	SDPS	A	TBD	ECS shall archive definitive orbit for LIS reprocessing of Level 1A data in case of data loss.	
			TRMM2 210#B	SDPS	B	TBD	ECS shall archive definitive orbit for LIS reprocessing of Level 1A data in case of data loss.	
TRMM2 220	SDPS	The LIS science team and instrument team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	TRMM2 220#Ir1	SDPS	Ir1	TBD	The LIS science team and instrument team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	IR1: External requirement: Information only. No action is required by ECS.
			TRMM2 220#A	SDPS	A	TBD	The LIS science team and instrument team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	
			TRMM2 220#B	SDPS	B	TBD	The LIS science team and instrument team shall define the ancillary, correlative, and flight dynamics data and algorithms needed for their processing.	
TRMM2 230	SDPS	The LIS instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for LIS.	TRMM2 230#Ir1	SDPS	Ir1	TBD	The LIS instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for LIS.	IR1: External requirement: Information only. No action is required by ECS.

			TRMM2 230#A	SDPS	A	TBD	The LIS instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for LIS.	
			TRMM2 230#B	SDPS	B	TBD	The LIS instrument team and science team shall provide the quick-look data processing algorithms and quick-look operations concept needed for LIS.	
TRMM2 240	SDPS	The ECS MSFC DAAC shall produce standard products for the LIS instrument and perform quality control for ECS-developed products.	TRMM2 240#A	SDPS	A	TBD	The ECS MSFC DAAC shall produce standard products for the LIS instrument and perform quality control for ECS-developed products.	
			TRMM2 240#B	SDPS	B	TBD	The ECS MSFC DAAC shall produce standard products for the LIS instrument and perform quality control for ECS-developed products.	
TRMM2 250	SDPS	LIS standard products developed at the ECS MSFC DAAC shall be archived at the ECS MSFC DAAC.	TRMM2 250#A	SDPS	A	TBD	LIS standard products developed at the ECS MSFC DAAC shall be archived at the ECS MSFC DAAC.	
			TRMM2 250#B	SDPS	B	TBD	LIS standard products developed at the ECS MSFC DAAC shall be archived at the ECS MSFC DAAC.	
TRMM2 260	SDPS	The ECS MSFC DAAC and SPDF shall support TRMM end-to-end testing 9 months before TRMM launch.	TRMM2 260#A	SDPS	A	TBD	The ECS MSFC DAAC and SPDF shall support TRMM end-to-end testing 9 months before TRMM launch.	
			TRMM2 260#B	SDPS	B	TBD	The ECS MSFC DAAC and SPDF shall support TRMM end-to-end testing 9 months before TRMM launch.	

TRMM2270	SDPS	ECS shall be able to accept LIS simulated data from SDPF.	TRMM2270#Ir1	SDPS	Ir1	TBD	ECS shall be able to accept LIS simulated data from SDPF.	IR1: This requirement is supported as follows: IR-1 shall have the capability to receive LIS simulated data from the SDPF for the purpose of testing the ingest interface between IR-1 and the SDPF.
			TRMM2270#A	SDPS	A	TBD	ECS shall be able to accept LIS simulated data from SDPF.	
			TRMM2270#B	SDPS	B	TBD	ECS shall be able to accept LIS simulated data from SDPF.	
~~TRMM2280~~	~~SDPS | CSMS~~	~~The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.~~	~~TRMM2280#Ir1~~	~~SDPS | CSMS~~	~~Ir1~~	TBD	~~The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.~~	
			~~TRMM2280#A~~	~~SDPS | CSMS~~	~~A~~	TBD	~~The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.~~	
			~~TRMM2280#B~~	~~SDPS | CSMS~~	~~B~~	TBD	~~The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.~~	

TRMM3 010	SDPS	The ECS systems at the MSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for PR and TMI from TSDIS.	TRMM3 010#Ir1	SDPS	Ir1	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for PR and TMI from TSDIS.	IR1: This requirement is supported as follows: IR-1 shall have the capability at the MSFC DAAC, to receive Level 1A data for PR and TMI from TSDIS, for the purpose of testing the ingest interface between IR-1 and TSDIS.
			TRMM3 010#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for PR and TMI from TSDIS.	
			TRMM3 010#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for PR and TMI from TSDIS.	
~~TRMM3 020~~	SDPS	~~The ECS MSFC DAAC shall ingest TRMM standard products (Level 1B-3B) for PR, and TMI from TSDIS.~~	~~TRMM3 020#Ir1~~	SDPS	~~Ir1~~	TBD	~~The ECS MSFC DAAC shall ingest TRMM standard products (Level 1B-3B) for PR, and TMI from TSDIS.~~	~~IR1: This requirement is supported as follows: IR-1 shall have the capability at the MSFC DAAC, to receive standard products for PR and TMI from TSDIS, for the purpose of testing the ingest interface between IR-1 and TSDIS.~~
			~~TRMM3 020#A~~	SDPS	~~A~~	TBD	~~The ECS MSFC DAAC shall ingest TRMM standard products (Level 1B-3B) for PR, and TMI from TSDIS.~~	
			~~TRMM3 020#B~~	SDPS	~~B~~	TBD	~~The ECS MSFC DAAC shall ingest TRMM standard products (Level 1B-3B) for PR, and TMI from TSDIS.~~	

TRMM3 030	SDPS	The ECS systems at the MSFC DAAC shall ingest TRMM browse products for PR and TMI from TSDIS.	TRMM3 030#Ir1	SDPS	Ir1	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM browse products for PR and TMI from TSDIS.	IR1: This requirement is supported as follows: IR-1 shall have the capability at the MSFC DAAC, to receive browse products for PR and TMI from TSDIS, for the purpose of testing the ingest interface between IR-1 and TSDIS.
			TRMM3 030#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM browse products for PR and TMI from TSDIS.	
			TRMM3 030#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM browse products for PR and TMI from TSDIS.	
TRMM3 040	SDPS	The ECS systems at the MSFC DAAC shall ingest algorithms and documentation for PR and TMI from TSDIS.	TRMM3 040#Ir1	SDPS	Ir1	TBD	The ECS systems at the MSFC DAAC shall ingest algorithms and documentation for PR and TMI from TSDIS.	IR1: This requirement is supported as follows: IR-1 shall have the capability at the MSFC DAAC, to receive algorithms and documentation for PR and TMI from TSDIS, for the purpose of testing the ingest interface between IR-1 and TSDIS.
			TRMM3 040#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ingest algorithms and documentation for PR and TMI from TSDIS.	
			TRMM3 040#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ingest algorithms and documentation for PR and TMI from TSDIS.	

TRMM3 050	SDPS	The ECS systems at the MSFC DAAC shall ingest TRMM Ground Validation (GV) data products and associated metadata from TSDIS.	TRMM3 050#Ir1	SDPS	Ir1	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM Ground Validation (GV) data products and associated metadata from TSDIS.	IR1: This requirement is supported as follows: IR1 shall have the capability at the MSFC DAAC, to receive Ground Validation Data from TSDIS, for the purpose of testing the ingest interface between Ir1 and TSDIS.
			TRMM3 050#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM Ground Validation (GV) data products and associated metadata from TSDIS.	
			TRMM3 050#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM Ground Validation (GV) data products and associated metadata from TSDIS.	
TRMM3 060	SDPS	The PR, TMI, and GV data ingested from TSDIS by ECS shall be archived in the ECS systems at the ECS MSFC DAAC.	TRMM3 060#A	SDPS	A	TBD	The PR, TMI, and GV data ingested from TSDIS by ECS shall be archived in the ECS systems at the ECS MSFC DAAC.	
			TRMM3 060#B	SDPS	B	TBD	The PR, TMI, and GV data ingested from TSDIS by ECS shall be archived in the ECS systems at the ECS MSFC DAAC.	
TRMM3 070	SDPS	The ECS systems at the MSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.	TRMM3 070#A	SDPS	A	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.	
			TRMM3 070#B	SDPS	B	TBD	The ECS systems at the MSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.	
TRMM3 080	SDPS	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the MSFC DAAC.	TRMM3 080#A	SDPS	A	TBD	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the MSFC DAAC.	

			TRMM3 080#B	SDPS	B	TBD	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the MSFC DAAC.	
TRMM3 090	SDPS	TSDIS shall electronically provide status information to the ECS systems at the MSFC DAAC about delayed products.	TRMM3 090#A	SDPS	A	TBD	TSDIS shall electronically provide status information to the ECS systems at the MSFC DAAC about delayed products.	
			TRMM3 090#B	SDPS	B	TBD	TSDIS shall electronically provide status information to the ECS systems at the MSFC DAAC about delayed products.	
TRMM3 100	SDPS	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM PR, TMI, GV, and SSM/I ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS also shall daily ingest an average of 2-days worth of reprocessed data from TSDIS.	TRMM3 100#A	SDPS	A	TBD	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM PR, TMI, GV, and SSM/I ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS also shall daily ingest an average of 2-days worth of reprocessed data from TSDIS.	
			TRMM3 100#B	SDPS	B	TBD	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM PR, TMI, GV, and SSM/I ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS also shall daily ingest an average of 2-days worth of reprocessed data from TSDIS.	
TRMM3 110	SDPS	TRMM shall make a standing order to ECS for SSM/I data to be delivered from the ECS systems at the MSFC DAAC to TSDIS.	TRMM3 110#A	SDPS	A	TBD	TRMM shall make a standing order to ECS for SSM/I data to be delivered from the ECS systems at the MSFC DAAC to TSDIS.	
			TRMM3 110#B	SDPS	B	TBD	TRMM shall make a standing order to ECS for SSM/I data to be delivered from the ECS systems at the MSFC DAAC to TSDIS.	

TRMM3120	CSMS	Communications between TSDIS and the ECS systems at the MSFC DAAC to transport the PR, TMI, and GV Level 1A data, Level 1B-3B standard products, metadata, SSM/I ancillary data, algorithms, and documentation shall be provided by ESDIS.	TRMM3120#Ir1	CSMS	Ir1	TBD	Communications between TSDIS and the ECS systems at the MSFC DAAC to transport the PR, TMI, and GV Level 1A data, Level 1B-3B standard products, metadata, SSM/I ancillary data, algorithms, and documentation shall be provided by ESDIS.	
			TRMM3120#A	CSMS	A	TBD	Communications between TSDIS and the ECS systems at the MSFC DAAC to transport the PR, TMI, and GV Level 1A data, Level 1B-3B standard products, metadata, SSM/I ancillary data, algorithms, and documentation shall be provided by ESDIS.	
			TRMM3120#B	CSMS	B	TBD	Communications between TSDIS and the ECS systems at the MSFC DAAC to transport the PR, TMI, and GV Level 1A data, Level 1B-3B standard products, metadata, SSM/I ancillary data, algorithms, and documentation shall be provided by ESDIS.	
TRMM3130	SDPS	All data transferred between TSDIS and the ECS systems at the MSFC DAAC, including GV, shall follow ESDIS-defined standards with specific product formats to be jointly agreed to and documented in ICDs.	TRMM3130#A	SDPS	A	TBD	All data transferred between TSDIS and the ECS systems at the MSFC DAAC, including GV, shall follow ESDIS-defined standards with specific product formats to be jointly agreed to and documented in ICDs.	
			TRMM3130#B	SDPS	B	TBD	All data transferred between TSDIS and the ECS systems at the MSFC DAAC, including GV, shall follow ESDIS-defined standards with specific product formats to be jointly agreed to and documented in ICDs.	

TRMM3 140	SDPS | CSMS	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	TRMM3 140#A	SDPS | CSMS	A	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	
			TRMM3 140#B	SDPS | CSMS	B	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	
			TRMM3 140#Ir1	SDPS | CSMS	Ir1	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	
TRMM4 010	SDPS	The ECS systems at the GSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for VIRS from TSDIS.	TRMM4 010#Ir1	SDPS	Ir1	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for VIRS from TSDIS.	IR1: This requirement is supported as follows: IR1 shall have the capability at the GSFC DAAC, to receive Level 1A data from VIRS from TSDIS for the purpose of testing the ingest interface between IR1 and TSDIS.

			TRMM4 010#A	SDPS	A	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for VIRS from TSDIS.	
			TRMM4 010#B	SDPS	B	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) data for VIRS from TSDIS.	
TRMM4 020	SDPS	The ECS GSFC DAAC shall ingest TRMM standard products Level 1B-3B for VIRS from TSDIS.	TRMM4 020#Ir1	SDPS	Ir1	TBD	The ECS GSFC DAAC shall ingest TRMM standard products Level 1B-3B for VIRS from TSDIS.	IR1: This requirement is supported as follows: IR-1 shall have the capability at the GSFC DAAC, to receive Level 1B-3B data from VIRS from TSDIS for the purpose of testing the ingest interface between IR-1 and TSDIS.
			TRMM4 020#A	SDPS	A	TBD	The ECS GSFC DAAC shall ingest TRMM standard products Level 1B-3B for VIRS from TSDIS.	
			TRMM4 020#B	SDPS	B	TBD	The ECS GSFC DAAC shall ingest TRMM standard products Level 1B-3B for VIRS from TSDIS.	
TRMM4 030	SDPS	The ECS systems at the GSFC DAAC shall ingest TRMM browse products for VIRS from TSDIS.	TRMM4 030#Ir1	SDPS	Ir1	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM browse products for VIRS from TSDIS.	IR1: This requirement is supported as follows: IR1 shall have the capability at the GSFC DAAC, to receive TRMM browse products for VIRS from TSDIS for the purpose of testing the ingest interface between IR-1 and TSDIS.

			TRMM4 030#A	SDPS	A	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM browse products for VIRS from TSDIS.	
			TRMM4 030#B	SDPS	B	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM browse products for VIRS from TSDIS.	
TRMM4 040	SDPS	The ECS systems at the GSFC DAAC shall ingest from TSDIS algorithms and documentation for VIRS.	TRMM4 040#Ir1	SDPS	Ir1	TBD	The ECS systems at the GSFC DAAC shall ingest from TSDIS algorithms and documentation for VIRS.	IR1: This requirement is supported as follows; IR-1 shall have the capability at the GSFC DAAC, to receive algorithms and documentation for VIRS from TSIDS for the purpose of testing the ingest interface between IR-1 and TSDIS.
			TRMM4 040#A	SDPS	A	TBD	The ECS systems at the GSFC DAAC shall ingest from TSDIS algorithms and documentation for VIRS.	
			TRMM4 040#B	SDPS	B	TBD	The ECS systems at the GSFC DAAC shall ingest from TSDIS algorithms and documentation for VIRS.	
TRMM4 050	SDPS	The VIRS data ingested from TSDIS by ECS shall be archived at the ECS systems at the GSFC DAAC.	TRMM4 050#A	SDPS	A	TBD	The VIRS data ingested from TSDIS by ECS shall be archived at the ECS systems at the GSFC DAAC.	
			TRMM4 050#B	SDPS	B	TBD	The VIRS data ingested from TSDIS by ECS shall be archived at the ECS systems at the GSFC DAAC.	
TRMM4 060	SDPS	The ECS systems at the GSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.	TRMM4 060#A	SDPS	A	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.	
			TRMM4 060#B	SDPS	B	TBD	The ECS systems at the GSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.	

TRMM4 070	SDPS	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the GSFC DAAC.	TRMM4 070#A	SDPS	A	TBD	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the GSFC DAAC.	
			TRMM4 070#B	SDPS	B	TBD	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the GSFC DAAC.	
TRMM4 080	SDPS	TSDIS shall electronically provide status information to the ECS systems at the GSFC DAAC about delayed products.	TRMM4 080#A	SDPS	A	TBD	TSDIS shall electronically provide status information to the ECS systems at the GSFC DAAC about delayed products.	
			TRMM4 080#B	SDPS	B	TBD	TSDIS shall electronically provide status information to the ECS systems at the GSFC DAAC about delayed products.	
TRMM4 090	SDPS	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM VIRS and AVHRR, GOES Precipitation Index (GPI), Global Precipitation Climatology Project (GPCP), and National Meteorological Center (NMC) ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS shall also daily ingest an average of 2-days worth of reprocessed data from TSDIS.	TRMM4 090#A	SDPS	A	TBD	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM VIRS and AVHRR, GOES Precipitation Index (GPI), Global Precipitation Climatology Project (GPCP), and National Meteorological Center (NMC) ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS shall also daily ingest an average of 2-days worth of reprocessed data from TSDIS.	

			TRMM4 090#B	SDPS	B	TBD	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM VIRS and AVHRR, GOES Precipitation Index (GPI), Global Precipitation Climatology Project (GPCP), and National Meteorological Center (NMC) ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS shall also daily ingest an average of 2-days worth of reprocessed data from TSDIS.	
TRMM4 100	SDPS	TSDIS shall make a standing order to ECS for AVHRR, GPI, GPCP, and NMC ancillary data to be delivered from the ECS ~~systems at the~~ GSFC DAAC to TSDIS.	TRMM4 100#A	SDPS	A	TBD	TSDIS shall make a standing order to ECS for AVHRR, GPI, GPCP, and NMC ancillary data to be delivered from the ECS ~~systems at the~~ GSFC DAAC to TSDIS.	
			TRMM4 100#B	SDPS	B	TBD	TSDIS shall make a standing order to ECS for AVHRR, GPI, GPCP, and NMC ancillary data to be delivered from the ECS ~~systems at the~~ GSFC DAAC to TSDIS.	
TRMM4 110	CSMS	Communications between TSDIS and the ECS ~~systems at the~~ GSFC DAAC to transport the VIRS ~~Level 1A data, Level 1B-3B~~ standard products, metadata, ~~AVHRR, GPI, GPCP, and NMC~~ ancillary data, and algorithms and documentation shall be provided by ESDIS.	TRMM4 110#Ir1	CSMS	Ir1	TBD	Communications between TSDIS and the ECS ~~systems at the~~ GSFC DAAC to transport the VIRS ~~Level 1A data, Level 1B-3B~~ standard products, metadata, ~~AVHRR, GPI, GPCP, and NMC~~ ancillary data, and algorithms and documentation shall be provided by ESDIS.	

			TRMM4 110#A	CSMS	A	TBD	Communications between TSDIS and the ECS ~~systems at the~~ GSFC DAAC to transport the VIRS ~~Level 1A data, Level 1B~~ 3B standard products, metadata, ~~AVHRR,~~ GPI, GPCP, and NMC ancillary data, and algorithms and documentation shall be provided by ESDIS.	
			TRMM4 110#B	CSMS	B	TBD	Communications between TSDIS and the ECS systems at the GSFC DAAC to transport the VIRS ~~Level 1A data, Level 1B~~ 3B standard products, metadata, ~~AVHRR,~~ GPI, GPCP, and NMC ancillary data, and algorithms and documentation shall be provided by ESDIS.	
~~TRMM4 120~~	~~CSMS~~	~~TSDIS and ECS shall each provide an interface to the GSFC local area network.~~	~~TRMM4 120#Ir1~~	~~CSMS~~	~~Ir1~~	~~TBD~~	~~TSDIS and ECS shall each provide an interface to the GSFC local area network.~~	
			~~TRMM4 120#A~~	~~CSMS~~	~~A~~	~~TBD~~	~~TSDIS and ECS shall each provide an interface to the GSFC local area network.~~	
			~~TRMM4 120#B~~	~~CSMS~~	~~B~~	~~TBD~~	~~TSDIS and ECS shall each provide an interface to the GSFC local area network.~~	
TRMM4 130	SDPS	All data transferred between TSDIS and the ECS GSFC DAAC shall follow ESDIS-defined standards, with specific product formats to be jointly agreed to and documented in ICDs.	TRMM4 130#A	SDPS	A	TBD	All data transferred between TSDIS and the ECS systems at the GSFC DAAC shall follow ESDIS-defined standards, with specific product formats to be jointly agreed to and documented in ICDs.	
			TRMM4 130#B	SDPS	B	TBD	All data transferred between TSDIS and the ECS systems at the GSFC DAAC shall follow ESDIS-defined standards, with specific product formats to be jointly agreed to and documented in ICDs.	

			TRMM4 130#Ir1	SDPS	Ir1	TBD	All data transferred between TSDIS and the ECS GSFC DAAC shall follow ESDIS-defined standards, with specific product formats to be jointly agreed to and documented in ICDs.	
TRMM4 140	SDPS | CSMS	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	TRMM4 140#B	SDPS | CSMS	B	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	
			TRMM4 140#A	SDPS | CSMS	A	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	
			TRMM4 140#Ir1	SDPS | CSMS	Ir1	TBD	The interfaces between TRMM and ECS shall make appropriate use of standards for data structures and data transport as defined for use within the publications of CCSDS and ISO/OSI, and shall use COTS hardware and software products as appropriate.	

TRMM5 010	SDPS	ECS shall ingest TRMM metadata, and browse from TSDIS along with the TRMM standard products in the ECS format.	TRMM5 010#Ir1	SDPS	Ir1	TBD	ECS shall ingest TRMM metadata, and browse from TSDIS along with the TRMM standard products in the ECS format.	IR1: This requirement is supported as follows: IR-1 shall have the capability to receive TRMM metadata and browse data from TSDIS, in ECS format, along with the TRMM standard products for the purpose of testing the ingest interface between IR-1 and TSDIS.
			TRMM5 010#A	SDPS	A	TBD	ECS shall ingest TRMM metadata, and browse from TSDIS along with the TRMM standard products in the ECS format.	
			TRMM5 010#B	SDPS	B	TBD	ECS shall ingest TRMM metadata, and browse from TSDIS along with the TRMM standard products in the ECS format.	
TRMM5 020	SDPS	Availability of TRMM data products (PR, VIRS, TMI, and GV) shall be based on the TSDIS product schedule, and an electronic status mechanism shall be available for late products.	TRMM5 020#A	SDPS	A	TBD	Availability of TRMM data products (PR, VIRS, TMI, and GV) shall be based on the TSDIS product schedule, and an electronic status mechanism shall be available for late products.	
			TRMM5 020#B	SDPS	B	TBD	Availability of TRMM data products (PR, VIRS, TMI, and GV) shall be based on the TSDIS product schedule, and an electronic status mechanism shall be available for late products.	

TRMM5030	SDPS	ECS shall have the capability to ingest directory and guide information from TSDIS.	TRMM5030#Ir1	SDPS	Ir1	TBD	ECS shall have the capability to ingest directory and guide information from TSDIS.	IR1: This requirement is supported as follows: IR-1 shall have the capability to receive directory and guide information from TSDIS for the purpose of testing the ingest interface between IR-1 and TSDIS.
			TRMM5030#A	SDPS	A	TBD	ECS shall have the capability to ingest directory and guide information from TSDIS.	
			TRMM5030#B	SDPS	B	TBD	ECS shall have the capability to ingest directory and guide information from TSDIS.	
TRMM5040	SDPS	ECS shall have the capability to archive and distribute standard TRMM data files and products (including VIRS, PR and TMI data, metadata, GV data, algorithms and documentation) as provided and produced by TSDIS and the TRMM Science Team.	TRMM5040#A	SDPS	A	TBD	ECS shall have the capability to archive and distribute standard TRMM data files and products (including VIRS, PR and TMI data, metadata, GV data, algorithms and documentation) as provided and produced by TSDIS and the TRMM Science Team.	
			TRMM5040#B	SDPS	B	TBD	ECS shall have the capability to archive and distribute standard TRMM data files and products (including VIRS, PR and TMI data, metadata, GV data, algorithms and documentation) as provided and produced by TSDIS and the TRMM Science Team.	
TRMM5050	NONE	TRMM shall support maintenance of a TRMM user model for use in the overall ECS user model.	TRMM5050#A	N/A	A	TBD	TRMM shall support maintenance of a TRMM user model for use in the overall ECS user model.	External only requirement: Information only. No action is required by ECS.

			TRMM5 050#B	N/A	B	TBD	TRMM shall support maintenance of a TRMM user model for use in the overall ECS user model.	External only requirement: Information only. No action is required by ECS.
TRMM5 060	SDPS	ECS shall provide standard information management functions for browse, and order of data and products provided by TSDIS and delivered to the MSFC and GSFC DAACs (including VIRS, PR and TMI data, metadata, GV data, TRMM Science Team algorithms and documentation).	TRMM5 060#A	SDPS	A	TBD	ECS shall provide standard information management functions for browse, and order of data and products provided by TSDIS and delivered to the MSFC and GSFC DAACs (including VIRS, PR and TMI data, metadata, GV data, TRMM Science Team algorithms and documentation).	
			TRMM5 060#B	SDPS	B	TBD	ECS shall provide standard information management functions for browse, and order of data and products provided by TSDIS and delivered to the MSFC and GSFC DAACs (including VIRS, PR and TMI data, metadata, GV data, TRMM Science Team algorithms and documentation).	
TRMM5 070	SDPS	ECS will continue to archive original TRMM standard products (Level 1B-3) after reprocessing for 6 months, after which the products will become eligible for deletion.	TRMM5 070#A	SDPS	A	TBD	ECS will continue to archive original TRMM standard products (Level 1B-3) after reprocessing for 6 months, after which the products will become eligible for deletion.	
			TRMM5 070#B	SDPS	B	TBD	ECS will continue to archive original TRMM standard products (Level 1B-3) after reprocessing for 6 months, after which the products will become eligible for deletion.	

TRMM5 080	SDPS	The ECS shall notify TRMM Science Team (TST) members when a TRMM product has been reprocessed and therefore will become eligible for deletion. The product eligible for deletion shall be deleted after 6 months unless the ECS is directed otherwise by appropriate authority.	TRMM5 080#A	SDPS	A	TBD	The ECS shall notify TRMM Science Team (TST) members when a TRMM product has been reprocessed and therefore will become eligible for deletion. The product eligible for deletion shall be deleted after 6 months unless the ECS is directed otherwise by appropriate authority.	
			TRMM5 080#B	SDPS	B	TBD	The ECS shall notify TRMM Science Team (TST) members when a TRMM product has been reprocessed and therefore will become eligible for deletion. The product eligible for deletion shall be deleted after 6 months unless the ECS is directed otherwise by appropriate authority.	
TRMM5 090	SDPS	ECS shall provide standard information management services for browse and order of CERES and LIS standard products, flight dynamics information, algorithms, and documentation developed from the CERES and LIS data.	TRMM5 090#A	SDPS	A	TBD	ECS shall provide standard information management services for browse and order of CERES and LIS standard products, flight dynamics information, algorithms, and documentation developed from the CERES and LIS data.	
			TRMM5 090#B	SDPS	B	TBD	ECS shall provide standard information management services for browse and order of CERES and LIS standard products, flight dynamics information, algorithms, and documentation developed from the CERES and LIS data.	

TRMM5100	SDPS	ECS shall provide products status for TRMM products to users based upon ECS holdings. Status also shall be based on the TRMM schedule provided electronically by TSDIS and an interactive status mechanism for late products.	TRMM5100#A	SDPS	A	TBD	ECS shall provide products status for TRMM products to users based upon ECS holdings. Status also shall be based on the TRMM schedule provided electronically by TSDIS and an interactive status mechanism for late products.	
			TRMM5100#B	SDPS	B	TBD	ECS shall provide products status for TRMM products to users based upon ECS holdings. Status also shall be based on the TRMM schedule provided electronically by TSDIS and an interactive status mechanism for late products.	
~~TRMM5110~~	NONE	~~The ECS MSFC and LaRC DAACS shall be responsible for providing science expertise to advise researchers on the use of CERES and LIS data.~~	~~TRMM5110#B~~	TBD	B	TBD	~~The ECS MSFC and LaRC DAACS shall be responsible for providing science expertise to advise researchers on the use of CERES and LIS data.~~	~~External only requirement. Information only. No action is required by ECS.~~
			~~TRMM5110#A~~		A	TBD	~~The ECS MSFC and LaRC DAACS shall be responsible for providing science expertise to advise researchers on the use of CERES and LIS data.~~	~~External only requirement. Information only. No action is required by ECS.~~
~~TRMM5120~~	NONE	~~The TRMM Science Team shall be responsible for providing science expertise to advise researchers on the use of TRMM (PR, TMI, VIRS, and GV) data.~~	~~TRMM5120#A~~	N/A	A	TBD	~~The TRMM Science Team shall be responsible for providing science expertise to advise researchers on the use of TRMM (PR, TMI, VIRS, and GV) data.~~	~~External only requirement: Information only. No action is required by ECS.~~
			~~TRMM5120#B~~	N/A	B	TBD	~~The TRMM Science Team shall be responsible for providing science expertise to advise researchers on the use of TRMM (PR, TMI, VIRS, and GV) data.~~	~~External only requirement: Information only. No action is required by ECS.~~
TRMM8010	SDPS | CSMS	TRMM shall manage, and ESDIS shall support, the TRMM end-to-end system testing of the interfaces between ECS and TRMM.	TRMM8010#A	SDPS	A	TBD	TRMM shall manage, and ESDIS shall support, the TRMM end-to-end system testing of the interfaces between ECS and TRMM.	

			TRMM8 010#B	SDPS	B	TBD	TRMM shall manage, and ESDIS shall support, the TRMM end-to-end system testing of the interfaces between ECS and TRMM.	
TRMM8 020	SDPS	ESDIS shall support testing, fault isolation, verification, and validation of the interfaces with the TRMM end-to-end ground system.	TRMM8 020# A	SDPS	A	TBD	ESDIS shall support testing, fault isolation, verification, and validation of the interfaces with the TRMM end-to-end ground system.	
			TRMM8 020# B	SDPS	B	TBD	ESDIS shall support testing, fault isolation, verification, and validation of the interfaces with the TRMM end-to-end ground system.	
TRMM8 030	SDPS	The TRMM I&T Program shall develop an overall ground segment integration and test plans and procedures.	TRMM8 030# A	NONE	A	TBD	The TRMM I&T Program shall develop an overall ground segment integration and test plans and procedures.	
			TRMM8 030# B	NONE	B	TBD	The TRMM I&T Program shall develop an overall ground segment integration and test plans and procedures.	
TRMM8 031	NONE	ESDIS shall develop test plans and procedures in support of the development, verification and testing of the interfaces with the TRMM ground system.	TRMM8 031# A	NONE	A	TBD	ESDIS shall develop test plans and procedures in support of the development, verification and testing of the interfaces with the TRMM ground system.	
			TRMM8 031# B	NONE	B	TBD	ESDIS shall develop test plans and procedures in support of the development, verification and testing of the interfaces with the TRMM ground system.	
TRMM8 040	NONE	ESDIS shall support TRMM development of test plans and procedures in support of the development, verification and testing of the interfaces between with the TRMM ground system and ECS.	TRMM8 040# A	NONE	A	TBD	ESDIS shall support TRMM development of test plans and procedures in support of the development, verification and testing of the interfaces between with the TRMM ground system and ECS.	

			TRMM8040#B	NONE	B	TBD	ESDIS shall support TRMM development of test plans and procedures in support of the development, verification and testing of the interfaces between with the TRMM ground system and ECS.	
TRMM8050	NONE	The TSDIS elements shall support integration and test activities defined in the TRMM overall ground segment integration and test plans and procedures.	TRMM8050#A	NONE	A	TBD	The TSDIS elements shall support integration and test activities defined in the TRMM overall ground segment integration and test plans and procedures.	
			TRMM8050#B	NONE	B	TBD	The TSDIS elements shall support integration and test activities defined in the TRMM overall ground segment integration and test plans and procedures.	
TRMM8060	NONE	ECS shall archive and distribute TRMM test plans and procedures for the interface between ECS and the TRMM ground system including TSDIS.	TRMM8060#A	SDPS	A	TBD	ECS shall archive and distribute TRMM test plans and procedures for the interface between ECS and the TRMM ground system including TSDIS.	
			TRMM8060#B	SDPS	B	TBD	ECS shall archive and distribute TRMM test plans and procedures for the interface between ECS and the TRMM ground system including TSDIS.	
TRMM8071	SDPS	ECS shall support TRMM Mission Simulation #1.	TRMM8071#A	SDPS	A	TBD	ECS shall support all dataflows and archival and distribution functionality for integration and test with the TRMM ground system.	
			TRMM8071#B	SDPS	B	TBD	ECS shall support all dataflows and archival and distribution functionality for integration and test with the TRMM ground system.	
TRMM8080	SDPS	ECS shall support TRMM Mission Simulation #2.	TRMM8080#Ir1	SDPS	A	TBD	ECS shall support TRMM Mission Simulation #1.	
			TRMM8080#A	SDPS	B	TBD	ECS shall support TRMM Mission Simulation #1.	

			TRMM8 081# A	SDPS	Ir1	TBD	ECS shall support TRMM Mission Simulation #2.	
TRMM8 090	SDPS	ECS shall archive and distribute TRMM algorithms and documentation in support of test and integration of interfaces with TSDIS.	TRMM8 090# A	SDPS	A	TBD	ECS shall archive and distribute TRMM algorithms and documentation in support of test and integration of interfaces with TSDIS.	
TRMM8 100	SDPS	ECS shall process CERES and LIS Level 0 and quick-look data sets received from SDPF for early interface testing.	TRMM8 100# A	SDPS	A	TBD	ECS shall process CERES and LIS Level 0 and quick-look data sets received from SDPF for early interface testing.	
TRMM8 110	NONE	The TSDIS elements shall be capable of processing simulated TRMM instrument data in support of pre launch checkout of the interfaces with ECS.	TRMM8 110# Ir1	NONE	Ir1	TBD	The TSDIS elements shall be capable of processing simulated TRMM instrument data in support of pre launch checkout of the interfaces with ECS.	
			TRMM8 110# A	NONE	A	TBD	The TSDIS elements shall be capable of processing simulated TRMM instrument data in support of pre launch checkout of the interfaces with ECS.	
TRMM8 120	NONE	ESDIS shall coordinate provision of LIS and CERES simulated instrument data and instrument data parameters to SDPF in support of integration and test.	TRMM8 120# Ir1	NONE	Ir1	TBD	ESDIS shall coordinate provision of LIS and CERES simulated instrument data and instrument data parameters to SDPF in support of integration and test.	
			TRMM8 120# A	NONE	A	TBD	ESDIS shall coordinate provision of LIS and CERES simulated instrument data and instrument data parameters to SDPF in support of integration and test.	